

Docket No. 0834-0275-3

IN RE APPLICATION OF: Hidehiko NAGAYA et al

SERIAL NO: 09/639,946

RCE FILED: December 23, 2002

FOR: THROWAWAY TIP AND THROWAWAY-TYPE CUTTING TOOL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231



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Technology Center 2100

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith: Marked-up Copy

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	46	MINUS	39	7	x \$18 =	\$126.00
INDEPENDENT	4	MINUS	6	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
					TOTAL OF ABOVE CALCULATIONS	\$126.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
					TOTAL	\$126.00

- A check in the amount of \$126.00 is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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0834-0275-3

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF : :

Hidehiko NAGAYA, et al. : EXAMINER: TSAI, H.

SERIAL NO.: 09/639,946 : :

RCE FILED: December 23, 2002 : GROUP ART UNIT: 2183

FOR: THROWAWAY TIP AND :
THROWAWAY-TYPE
CUTTING TOOL

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Technology Center 2100

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action dated February 21, 2003, please amend the
above-identified application as follows:

05/05/2003 GWDRDOF1 00000032 09639946
01 FC:1202 126.00 OP

IN THE SPECIFICATION

Please amend specification as follows:

Page 44, lines 3-13, please amend the paragraph as follows:

In addition, the arrangement number of seats of a tip 101 is not necessarily for seats, you
may arrange three or five or more seats. In case that the end mill 30a is used in each cutting, the
base edge portion of tool of the first long tooth 8 which makes perimeter tooth in a sub-tip 101B
and the tip portion of tool of the second long tooth 9 which makes perimeter tooth in a third tip
101C and base edge portion of a tool of the first long tooth 8 which makes perimeter tooth in
a fourth tip 101D are not overlap with the locus of perimeter of other tip respectively, and this